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hierarchy associated with said principal, wherein said permissions are
associated with said plurality of routines based on a first association between
protection domains and permissions.

6 f. (Twice Amended) [The method of Claim 1, wherein] A method for providing
security, the method comprising the steps of:
detecting when a request for an action is made by a principal; and
in response to detecting the request, determining whether said action is authorized

5 based on permissions associated with a plurality of routines in a calling
β² hierarchy associated with said principal, wherein a first routine in said calling
 hierarchy is privileged; and

wherein the step of determining whether said action is authorized further includes
determining whether a permission required to perform said action is

10 encompassed by at least one permission associated with each routine in said
calling hierarchy between and including said first routine and a second routine
in said calling hierarchy, wherein said second routine is invoked after said
first routine, wherein said second routine is a routine for performing said
requested action.

10/1.

(Twice Amended) A computer-readable medium carrying one or more sequences of one or more instructions, the one or more sequences of the one or more instructions including instructions which, when executed by one or more processors, causes the one or more processors to perform the steps of:

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detecting when a request for an action is made by a principal; and
in response to detecting the request, determining whether said action is authorized

based on permissions associated with a plurality of routines in a calling hierarchy associated with said principal, wherein said permissions are associated with said plurality of routines based on a first association between protection domains and permissions.

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15/1.

(Twice Amended) [The computer readable medium of Claim 11] A computer-readable medium carrying one or more sequences of one or more instructions, the one or more sequences of the one or more instructions including instructions which, when executed by one or more processors, causes the one or more processors to perform the steps of:

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detecting when a request for an action is made by a principal; and
in response to detecting the request, determining whether said action is authorized

based on permissions associated with a plurality of routines in a calling hierarchy associated with said principal, wherein [:] a first routine in said calling hierarchy is privileged; and

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wherein the step of determining whether said action is authorized further includes determining whether a permission required to perform said action is encompassed by at least one permission associated with each routine in

15 said calling hierarchy between and including said first routine and a second routine in said calling hierarchy, wherein said second routine is invoked after said first routine, wherein said second routine is a routine for performing said requested action.

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21.

(Twice Amended) A computer system comprising:

a processor;

a memory coupled to said processor;

said processor being configured to detect when a request for an action is made by

5 a principal; and

said processor being configured to respond to detecting the request by

determining whether said action is authorized based on permissions

associated with a plurality of routines in a calling hierarchy associated

with said principal, wherein said permissions are associated with said

10 plurality of routines based on a first association between protection

domains and permissions.

REMARKS

The indication of allowable subject matter in claims 4, 5, 7-10, 14, 15 and 17-20 is noted with appreciation. Claims 1-3, 6, 11-13, 16 and 21-23 stand rejected under 35 U.S.C. §102(e) as being anticipated by Roskind (US 5,987,608). Claims 4, 7-10, 14 and 17-20 are objected to as being dependent upon a rejected base claim. As a preliminary matter, receipt of the Notice of Draftsperson's Patent Drawing Review is acknowledged. Applicant recognizes that the present drawings are acceptable for examination purposes